

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				ATTY. DOCKET NO. <b>1509-260</b>		SERIAL NO. s.n.	
				APPLICANT <b>Lawrence WILCOCK</b>			
				FILING DATE <b>HEREWITH</b>		GROUP	

11046 U.S. PTO  
 10/05/903  
 01/29/02

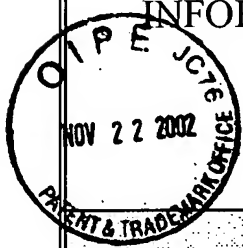
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Jm	5,943,427	8/24/99	Massie et al			
Jm	6,054,989	4/25/00	Robertson et al			

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
<div style="text-align: center;">Jm</div> <div style="border-left: 2px solid black; height: 150px; margin-left: 10px;"></div>	Kobayashi, Minoru et al, "Dynamic Soundscape: mapping time to space for audio browsing," CHI 97 Electronic Publications: Papers, <a href="http://www.acm.org/sigchi/chi97/proceedings/paper/kob.htm">http://www.acm.org/sigchi/chi97/proceedings/paper/kob.htm</a> Billingham, M. et al, "A Wearable Spatial Conferencing Space," Human Interface Technology Laboratory, Seattle, WA and Advanced Perception Unit, Ipswich, UK Goose, S. et al, "A 3D Audio Only Interactive Web Browser: Using Spatialization to Convey Hypermedia Document Structure," ACM Multimedia '99 10/99, Orlando, FL Sawhney, Nitin et al, "Speaking and Listening on the Run: Design for Wearable Audio Computing," 1998 IEEE. Kyriakakis, C. et al, "Signal Processing, Acoustics, and Psychoacoustics for High Quality Desktop Audio," <u>Journal of Visual Communication and Image Representation</u> , Vol. 9, No. 1, March, pp. 51-61, 1998. King, Robert B. et al, "The Impact of Signal Bandwidth on Auditory Localization: Implications for the Design of Three-Dimensional Audio Displays," <u>Human Factors</u> , 1997, 39(2), 287-295.

EXAMINER <div style="text-align: center;"> </div>	DATE CONSIDERED <div style="text-align: center;"> </div>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
1509-260SERIAL NO.  
10/057,903APPLICANT  
Lawrence WILCOCKFILING DATE  
January 29, 2002GROUP  
267 Technology Center 2600

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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Jm	5,850,455	12/1998	Arnold et al.			
Jm	6,046,722	4/2000	McKiel, Jr.			
Jm	5,826,064	10/1998	Loring et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
Jm	92/09921	6/1992	WO				
	0528743A1	2/1993	EP				
	0966179A2	12/1999	EP				
	2360681A	9/2001	GB				
	2000-322168	11/2000	JP				
X	8076919	3/1996	JP				

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Jm	Sawhney, N. et al., "Nomadic Radio: Speech & Audio Interaction for Contextual Messaging in Nomadic Environments," Speech Interface Group, MIT Media Lab, E15-352, Cambridge, MA
Jm	Schmandt, C., "Audio Hallway: a Virtual Acoustic Environment for Browsing," ACM 0-58113-034-1/98/11, UIST '98, San Francisco, CA
Jm	Japanese Patent 8076919, English Abstract
Jm	Japanese Patent 2000-322168, English Abstract
EXAMINER	DATE CONSIDERED
<i>Just Macbale</i>	<i>4/10/03</i>

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